

## CLAIMS

- 1                    1.        Apparatus for establishing a distance between a test head and a  
2 peripheral, comprising  
  
3                                a frame to which one of said test head and said peripheral is  
4 docked; and  
  
5                                a linear unit for moving said frame towards or away from a  
6 docking surface of the other of said test head and said peripheral.
- 1                    2.        Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 1, wherein said one of said test head and said  
3 peripheral is coupled to alignment features for docking said one of said test head and  
4 said peripheral with said other of said test head and peripheral.
- 1                    3.        Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 1, wherein said linear unit includes one of a male and  
3 female threaded member attached to the other of said test head and peripheral.
- 1                    4.        Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 3, wherein said frame includes the other of said male  
3 and said female member threaded member.
- 1                    5.        Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 3, wherein said one of said male and female threaded  
3 member is rotated in order to move said frame towards or away from said docking  
4 surface of the other of said test head and said peripheral.

1                   6.       Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 4, wherein the other of said male and female member  
3 is rotated in order to move said frame towards or away from said docking surface of  
4 the other of said test head and said peripheral.

1                   7.       Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 1, wherein said linear unit is coupled to a detent plate  
3 having a detent, said detent plate is coupled to the other of said test head and said  
4 peripheral, a lever is coupled to said frame, and said lever engages said detent to  
5 indicate said frame is in an intended position relative to the other of said test head  
6 and said peripheral.

1                   8.       Apparatus of claim 1, wherein said linear unit is one of a  
2 plurality of linear units for moving said frame.

1                   9.       Apparatus of claim 7, wherein said detent is one of a plurality of  
2 detents for indicating a respective plurality of intended positions of said frame  
3 relative to the other of said test head and said peripheral.

1                   10.      Apparatus of claim 8, wherein a crank is rotated to cause said  
2 plurality of linear units to move said frame.

1                   11.      Apparatus of claim 1, wherein said docking surface is between  
2 said frame and said one of said test head and said peripheral.

1                   12.      Method for establishing a distance between a test head and a  
2 peripheral, comprising:

3           providing a frame to which one of said test head and said peripheral is docked  
4           in order to dock said one of said test head and said peripheral with the other of said  
5           test head and said peripheral; and

6           moving said frame towards or away from a docking surface of the other of  
7           said test head and said peripheral.

1           13.     Method according to claim 12, wherein said one of said test head and  
2           said peripheral is coupled to alignment features for docking said one of said test head  
3           and said peripheral with said other of said test head and peripheral.

1           14.     Method according to claim 12, wherein said linear unit is one of a male  
2           and female threaded member attached to the other of said test head and peripheral.

1           15.     Method according to claim 14, wherein said frame includes the other of  
2           said male and said female member threaded member.

1           16.     Method according to claim 14, wherein said one of said male and  
2           female threaded member is rotated in order to move said frame towards or away  
3           from said docking surface of the other of said test head and said peripheral.

1           17.     Method according to claim 15, wherein the other of said male and  
2           female member is rotated in order to move said frame towards or away from said  
3           docking surface of the other of said test head and said peripheral.

1           18.     Method according to claim 12, wherein said linear unit is coupled to a  
2           detent plate having a detent, said detent plate is coupled to the other of said test  
3           head and said peripheral, a lever is coupled to said frame, and said lever engages

4    said detent to indicate said frame is in an intended position relative to the other of  
5    said test head and said peripheral.

1            19.    Method according to claim 12, wherein said linear unit is one of a  
2    plurality of linear units for moving said frame.

1            20.    Method according to claim 19, wherein a crank is rotated to cause said  
2    plurality of linear units to move said frame.

1            21.    Method according to claim 12, wherein said docking surface is between  
2    said frame and said one of said test head and said peripheral.

1            22.    Method according to claim 18, wherein said detent is one of a plurality  
2    of detents for indicating a respective plurality of intended positions of said frame  
3    relative to the other of said test head and said peripheral.